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Preparation of flexible slabstock foam polyols

Abstract**5**

Polyether alcohols can be prepared by ring-opening polymerization of ethylene oxide and at least one alkylene oxide having at least three carbon atoms in the molecule onto H-functional initiator substances, wherein ethylene oxide or a mixture of ethylene oxide 10 and at least one alkylene oxide having at least three carbon atoms in the molecule, where the mixture has an ethylene oxide content of at least 98% by weight, based on the mixture, is added, in each case in an amount of not more than 40% by weight, based on the weight of the polyether alcohol, onto the initiator 15 substance and subsequently at least one alkylene oxide having at least three carbon atoms in the molecule or a mixture of ethylene oxide and at least one alkylene oxide having at least three carbon atoms in the molecule, where the mixture has a maximum ethylene oxide content of 20% by weight, based on the mixture, is 20 added on.

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